



Search Protein for

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1: AAD45118 MGD2 antimicrobial peptide precursor [Mytilus galloprovincialis]

LOCUS AF162338.1 81 aa INV 20-JUL-1999
 DEFINITION MGD2 antimicrobial peptide precursor [Mytilus galloprovincialis].
 ACCESSION AAD45118
 PID g5533299
 VERSION AAD45118.1 GI:5533299
 DBSOURCE locus AF162338 accession AF162338.1
 KEYWORDS
 SOURCE Mediterranean mussel.
 ORGANISM Mytilus galloprovincialis
 Eukaryota; Metazoa; Mollusca; Bivalvia; Pteriomorpha; Mytiloidea;
 Mytiloidea; Mytilidae; Mytilus.
 REFERENCE 1 (residues 1 to 81)
 AUTHORS Hubert, F., Mita, G. and Roch, P.
 TITLE Defensins: involvement in mussel defense
 JOURNAL Unpublished
 REFERENCE 2 (residues 1 to 81)
 AUTHORS Mita, G., Hubert, F. and Roch, P.
 TITLE Direct Submission
 JOURNAL Submitted (24-JUN-1999) Defense et Resistance chez les Invertebres
 Marins (D.R.I.M.), IFREMER-CNRS UMR 219, Universite Montpellier II,
 2 Place Eugene Bataillon, Montpellier 34095, France
 COMMENT Method: conceptual translation.
 FEATURES
 source 1..81
 /organism="Mytilus galloprovincialis"
 /db_xref="taxon:29158"
 /cell_type="hemocyte"
 Protein 1..81
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 CDS 1..81
 /coded_by="AF162338.1:7..252"
 ORIGIN
 1 mkaafvllvv glcimtdvat agfgcpnnya chqhckrsirg ycgycagwf rlrctcyrcg
 61 grddvedif diynnaver f
 //



Search for

1: P56686

4 KDA DEFENSIN

LOCUS DEF4_ANDAU 37 aa INV 30-MAY-2000
 DEFINITION 4 KDA DEFENSIN.
 ACCESSION P56686
 PID g6014948
 VERSION P56686 GI:6014948
 DBSOURCE swissprot: locus DEF4_ANDAU, accession P56686,
 class: standard.
 extra accessions: P81618, created: Jul 15, 1999.
 sequence updated: Jul 15, 1999.
 annotation updated: May 30, 2000.

KEYWORDS xrefs (non-sequence databases): PFAM PF01097, PROSITE PS00425
 Antibiotic.
 SOURCE Androctonus australis hector.
 ORGANISM Androctonus australis hector
 Eukaryota; Metazoa; Arthropoda; Chelicerata; Arachnida; Scorpiones;
 Buthoidea; Buthidae; Androctonus.

REFERENCE 1 (residues 1 to 37)
 AUTHORS Ehret-Sabatier, L., Loew, D., Goyffon, M., Fehlbaum, P., Hoffmann, J. A.,
 van Dorsselaer, A. and Bulet, P.
 TITLE Characterization of novel cysteine-rich antimicrobial peptides from
 scorpion blood
 JOURNAL J. Biol. Chem. 271 (47), 29537-29544 (1996)
 MEDLINE 97094646
 REMARK SEQUENCE, AND CHARACTERIZATION.
 TISSUE=HEMOLYMPH

COMMENT [FUNCTION] ACTIVE AGAINST GRAM-POSITIVE BACTERIA.
 [SUBCELLULAR LOCATION] SECRETED.
 MASS SPECTROMETRY: MW=4206.8; METHOD=ELECTROSPRAY.
 [SIMILARITY] BELONGS TO THE ARTHROPOD DEFENSIN FAMILY.

FEATURES Location/Qualifiers
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 Protein 1..37
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 /note="BY SIMILARITY."
 Bond bond(11,33)
 /bond_type="disulfide"
 /note="BY SIMILARITY."
 Bond bond(15,35)
 /bond_type="disulfide"
 /note="BY SIMILARITY."

ORIGIN
 1 gfgcpgnqga chrhcrsirr rggycaglfk qtctcyr
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